

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 03/00908

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B60R 21/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B60R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6203058 B1 (ELQADAH ET AL), 20 March 2001 (20.03.01), column 3, line 36 - line 38; column 4, line 37 - line 42, figures 2,3, abstract --	1-8
X	US 6227561 B1 (JOST ET AL), 8 May 2001 (08.05.01), column 3, line 65 - column 4, line 6, figure 1, abstract --	1-5
X	US 20020125693 A1 (ALSUP ET AL), 12 Sept 2002 (12.09.02), page 2, line 65 - line 69, abstract --	1-4

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

21 August 2003

Date of mailing of the international search report

25 -08- 2003

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Mimmi Westman/EK
Telephone No. +46 8 782 25 00

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6336654 B1 (STEIN ET AL), 8 January 2002 (08.01.02), column 1, line 66 - column 5, line 8, figures 2,3, abstract --	1-3
X	US 6428037 B1 (BAKSH ET AL), 6 August 2002 (06.08.02), column 2, line 45 - line 53, figures 2, 3, abstract --	1-3
X	US 6409211 B1 (SHENG ET AL), 25 June 2002 (25.06.02), column 2, line 47 - line 57, figures 2, 3, abstract --	1-3
X	US 6299199 B1 (BOWERS ET AL), 9 October 2001 (09.10.01), column 2, line 14 - line 29, figures 2, 3, abstract --	1-3
X	US 6231073 B1 (WHITE, JR), 15 May 2001 (15.05.01), column 2, line 32 - line 45, figures 2,3, abstract --	1-3
X	US 6431587 B1 (O'DOCHERTY), 13 August 2002 (13.08.02), column 2, line 57 - line 64, figure 2, abstract --	1-3
X	US 20020014762 A1 (BAKSH ET AL), 7 February 2002 (07.02.02), figures 2,3, abstract --	1-3
X	US 20020036394 A1 (BAKSH ET AL), 28 March 2002 (28.03.02), figures 2,3, abstract --	1-3

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20020105173 A1 (SADERHOLM ET AL), 8 August 2002 (08.08.02), page 2, line 7 - line 27, figure 1, abstract --	1-3
P,X	US 6464250 B1 (FAIGLE ET AL), 15 October 2002 (15.10.02), column 5, line 21 - line 54, abstract --	1-8
P,X	US 20020175502 A1 (TESCH ET AL), 28 November 2002 (28.11.02), figures 2,4, page 2, paragraph 26-27 --	1-7
P,X	US 6457740 B1 (VAIDYARAMAN ET AL), 1 October 2002 (01.10.02), column 1, line 10 - line 32; column 3, line 50 - column 4, line 3, figures 3,8 --	1-3,8
P,X	US 20020195804 A1 (HESS ET AL), 26 December 2002 (26.12.02), page 4, line 59 - line 69, figure 1, abstract --	1-3
P,X	US 20020163167 A1 (HILL), 7 November 2002 (07.11.02), page 1, line 19 - line 108, figures 2, 3, abstract -- -----	1-3

INTERNATIONAL SEARCH REPORT

Information on patent family members

26/07/03

International application No.

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Patent document cited in search report			Publication date	Patent family member(s)	Publication date
US	6203058	B1	20/03/01	NONE	
US	6227561	B1	08/05/01	DE 19815381 A,C EP 1068106 A JP 2002510577 T WO 9951466 A	14/10/99 17/01/01 09/04/02 14/10/99
US	20020125693	A1	12/09/02	NONE	
US	6336654	B1	08/01/02	DE 10060648 A GB 0029542 D GB 2357065 A	02/08/01 00/00/00 13/06/01
US	6428037	B1	06/08/02	NONE	
US	6409211	B1	25/06/02	NONE	
US	6299199	B1	09/10/01	DE 10045082 A	31/05/01
US	6231073	B1	15/05/01	NONE	
US	6431587	B1	13/08/02	NONE	
US	20020014762	A1	07/02/02	NONE	
US	20020036394	A1	28/03/02	NONE	
US	20020105173	A1	08/08/02	NONE	
US	6464250	B1	15/10/02	DE 10129581 A	14/02/02
US	20020175502	A1	28/11/02	NONE	
US	6457740	B1	01/10/02	EP 0943501 A EP 0985384 A JP 11321538 A	22/09/99 15/03/00 24/11/99
US	20020195804	A1	26/12/02	NONE	
US	20020163167	A1	07/11/02	NONE	